

## EAST Search History

| Ref # | Hits  | Search Query   | DBs                                       | Default Operator | Plurals | Time Stamp       |
|-------|-------|--|---|------------------|---------|------------------|
| L1    | 8621  | (variable varying vary varies varied) near7 (compressor turbocompressor microcompressor)   | EPO; JPO; DERWENT                         | OR               | ON      | 2007/04/11 14:01 |
| L2    | 3     | 1 and (regenerative\$3 adj brak\$3)  | EPO; JPO; DERWENT                         | OR               | ON      | 2007/04/11 14:01 |
| L3    | 12453 | (variable varying vary varies varied) near7 (compressor turbocompressor microcompressor)   | US-PGPUB; USPAT; USOCR                    | OR               | ON      | 2007/04/11 14:01 |
| L4    | 54    | 3 and (regenerative\$3 adj brak\$3)  | US-PGPUB; USPAT; USOCR                    | OR               | ON      | 2007/04/11 14:04 |
| L5    | 14    | ("20010051291"   "20020006848"   "3681609"   "4193111"   "4815294"   "5106035"   "5510201"   "5646852"   "5830593"   "6053266"   "6159626"   "6307277").PN. OR ("6616424").URPN.   | US-PGPUB; USPAT; USOCR                    | ADJ              | ON      | 2007/04/11 14:17 |
| S1    | 15    | ((JOSEPH) near2 (RAINVILLE)).INV.  | US-PGPUB; USPAT; USOCR                    | ADJ              | ON      | 2007/04/11 09:46 |
| S2    | 2     | ((JOHN) near2 (BONKOSKE)).INV.   | US-PGPUB; USPAT; USOCR                    | ADJ              | ON      | 2007/04/02 09:23 |
| S3    | 2     | ("6488345").PN.  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ              | ON      | 2007/04/02 09:56 |
| S4    | 44    | ("20010053950"   "20020064695"   "3657625"   "4419610"   "4489242"   "4733146"   "5311739"   "5345761"   "5558173"   "5771476"   "5878360"   "5971092"   "5998885"   "6036449"   "6122588"   "6186254"   "6321145").PN. OR ("6488345").URPN. | US-PGPUB; USPAT; USOCR                    | ADJ              | ON      | 2007/04/02 09:57 |
| S5    | 766   | 429/23.ccls.   | US-PGPUB; USPAT; USOCR                    | ADJ              | ON      | 2007/04/02 10:23 |
| S6    | 249   | S5 and compressor  | US-PGPUB; USPAT; USOCR                    | ADJ              | ON      | 2007/04/02 10:23 |
| S7    | 169   | S6 and motor   | US-PGPUB; USPAT; USOCR                    | ADJ              | ON      | 2007/04/02 10:23 |
| S8    | 165   | S7 and control   | US-PGPUB; USPAT; USOCR                    | ADJ              | ON      | 2007/04/02 10:26 |

## EAST Search History

|     |       |  |   |     |    |                  |
|-----|-------|--|---|-----|----|------------------|
| S10 | 1     | "6497974".pn.  | US-PGPUB;<br>USPAT;<br>USOCR                          | ADJ | ON | 2007/04/02 14:26 |
| S11 | 50891 | "429"/\$.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR                          | ADJ | ON | 2007/04/02 14:26 |
| S13 | 303   | S11 and ((adjust\$4 or varia\$4 or chang\$4 or fluctuat\$4) with compressor)                     | US-PGPUB;<br>USPAT;<br>USOCR                          | ADJ | ON | 2007/04/02 15:01 |
| S14 | 277   | S13 and control  | US-PGPUB;<br>USPAT;<br>USOCR                          | ADJ | ON | 2007/04/02 14:29 |
| S15 | 265   | S13 and (((first or primary or main) and (second\$3 or supplement\$3 or auxillary)))             | US-PGPUB;<br>USPAT;<br>USOCR                          | ADJ | ON | 2007/04/02 14:45 |
| S16 | 323   | S11 and ((adjust\$4 or vari\$4 or chang\$4 or fluctuat\$4) with compressor)                      | US-PGPUB;<br>USPAT;<br>USOCR                          | ADJ | ON | 2007/04/11 10:46 |
| S18 | 107   | S16 and (((first or primary or main) and (second\$3 or supplement\$3 or auxillary))) with power) | US-PGPUB;<br>USPAT;<br>USOCR                          | ADJ | ON | 2007/04/02 15:01 |
| S19 | 20    | S18 and capacitor  | US-PGPUB;<br>USPAT;<br>USOCR                          | ADJ | ON | 2007/04/02 14:53 |
| S20 | 19600 | ((adjust\$4 or varia\$4 or chang\$4 or fluctuat\$4) with compressor)                             | EPO; JPO;<br>DERWENT                                  | ADJ | ON | 2007/04/02 15:01 |
| S21 | 147   | S20 and (((first or primary or main) and (second\$3 or supplement\$3 or auxillary))) with power) | EPO; JPO;<br>DERWENT                                  | ADJ | ON | 2007/04/02 15:59 |
| S22 | 2984  | variable near1 compressor  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2007/04/02 16:06 |
| S30 | 1687  | 417/44.1,411,326.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2007/04/09 10:51 |
| S31 | 347   | S30 and compressor   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2007/04/05 10:50 |

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|     |      |   |   |     |    |                  |
|-----|------|---|---|-----|----|------------------|
| S32 | 284  | S31 and control   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2007/04/05 11:02 |
| S33 | 1    | S32 and fuel cell stack   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2007/04/05 10:59 |
| S34 | 211  | S32 and (second or supplement\$3 or auxiliary)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2007/04/05 11:06 |
| S35 | 194  | S34 and motor   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2007/04/05 11:03 |
| S37 | 11   | S32 and (((first or main) and (second or supplement\$3 or auxiliary))) with power source)         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2007/04/05 11:11 |
| S42 | 2182 | fuel cell and controller and compressor   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2007/04/05 11:13 |
| S43 | 89   | S42 and (((first or main) and (second or supplement\$3 or auxiliary))) with power source)         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2007/04/05 11:48 |
| S45 | 1687 | 417/44.1,411,326.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2007/04/09 10:52 |
| S46 | 266  | S45 and ((backup or (back up) or second\$4 or boost\$3 or supplement\$2 or auxiliary) with power) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2007/04/09 10:58 |

## EAST Search History

|     |      |  |                              |     |    |                  |
|-----|------|--|------------------------------|-----|----|------------------|
| S47 | 37   | ("20030041605"   "20030098668"   "3390320"   "3621365"   "3909687"   "4150425"   "4151725"   "4152902"   "4492546"   "4546423"   "4656571"   "4787211"   "4879639"   "4958118"   "5010287"   "5350992"   "5446645"   "5488279"   "5492273"   "5503248"   "5509504"   "5528114"   "5845509"   "6008616"   "6018957"   "6031738"   "6124697"   "6185946"   "6229722"   "6325142"   "6370888"   "6408645"   "6434960"   "6459596"   "6459606"   "6579067").PN. OR ("7096681").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2007/04/09 11:05 |
| S48 | 20   | ("3589139"   "4720981"   "5052472"   "5537830"   "5560218"   "5651260"   "5671607"   "5845509"   "6085532"   "6116040").PN. OR ("6434960").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2007/04/09 12:12 |
| S49 | 42   | ("20030041605"   "2442021"   "3390320"   "3621365"   "3909687"   "4150425"   "4151725"   "4152902"   "4546423"   "4787211"   "4877388"   "4958118"   "5010287"   "5130617"   "5235504"   "5237494"   "5350992"   "5446645"   "5488279"   "5492273"   "5503248"   "5509504"   "5528114"   "5845509"   "5894736"   "5896021"   "6008616"   "6018957"   "6031738"   "6075717"   "6124697"   "6185946"   "6229722"   "6325142"   "6370888"   "6408645"   "6434960"   "6459596"   "6459606"   "6579067").PN. OR ("7164242").URPN. | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2007/04/09 12:23 |
| S50 | 37   | ("20030041605"   "20030098668"   "3390320"   "3621365"   "3909687"   "4150425"   "4151725"   "4152902"   "4492546"   "4546423"   "4656571"   "4787211"   "4879639"   "4958118"   "5010287"   "5350992"   "5446645"   "5488279"   "5492273"   "5503248"   "5509504"   "5528114"   "5845509"   "6008616"   "6018957"   "6031738"   "6124697"   "6185946"   "6229722"   "6325142"   "6370888"   "6408645"   "6434960"   "6459596"   "6459606"   "6579067").PN. OR ("7096681").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2007/04/09 12:41 |
| S51 | 4    | S45 and ((two or dual) power (supply or source))   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2007/04/09 12:42 |
| S52 | 8250 | ((two or dual) power (supply or source))   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2007/04/09 15:59 |

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|     |       |   |   |     |    |                  |
|-----|-------|---|---|-----|----|------------------|
| S53 | 205   | S52 and compressor  | US-PGPUB;<br>USPAT;<br>USOCR                          | ADJ | ON | 2007/04/11 10:46 |
| S54 | 4     | ("3602807"   "5023469"   "5739594"  <br>"6501196").PN. OR ("6944002").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                          | ADJ | ON | 2007/04/09 14:46 |
| S55 | 7     | ("4041708"   "4478553"   "4996845"  <br>"5771693"   "5809981"   "5839270"  <br>"6178735").PN. OR ("6817185").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                          | ADJ | ON | 2007/04/09 14:49 |
| S56 | 7     | ("4041708"   "4478553"   "4996845"  <br>"5771693"   "5809981"   "5839270"  <br>"6178735").PN. OR ("6817185").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                          | ADJ | ON | 2007/04/09 14:57 |
| S57 | 11    | ("2966617"   "3381176"   "3440491"  <br>"3553482").PN. OR ("3681661").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                          | ADJ | ON | 2007/04/09 15:24 |
| S58 | 2     | "4838769".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2007/04/09 15:28 |
| S59 | 20    | ("3589139"   "4720981"   "5052472"  <br>"5537830"   "5560218"   "5651260"  <br>"5671607"   "5845509"   "6085532"  <br>"6116040").PN. OR ("6434960").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                          | ADJ | ON | 2007/04/09 15:57 |
| S60 | 2556  | ((two or dual) power (supply or<br>source))   | EPO; JPO;<br>DERWENT                                  | ADJ | ON | 2007/04/09 15:59 |
| S61 | 21    | S60 and compressor  | EPO; JPO;<br>DERWENT                                  | ADJ | ON | 2007/04/09 16:08 |
| S62 | 1     | 1993-194352.NRAN.   | DERWENT   | ADJ | ON | 2007/04/09 16:08 |
| S63 | 1     | 1993-194352.NRAN.   | DERWENT   | ADJ | ON | 2007/04/09 16:08 |
| S64 | 1     | "5493155".pn.   | USPAT   | ADJ | ON | 2007/04/09 16:17 |
| S65 | 37238 | (dual or two) near3 (power (source or<br>supply))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2007/04/09 16:29 |
| S66 | 819   | S65 and compressor  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2007/04/09 16:29 |
| S67 | 295   | S66 and capacitor   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2007/04/09 16:29 |

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|     |     |   |   |     |    |                  |
|-----|-----|---|---|-----|----|------------------|
| S68 | 290 | S67 and control   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2007/04/09 16:30 |
| S69 | 187 | S68 and motor   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2007/04/09 16:30 |
| S70 | 96  | S69 and battery   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2007/04/09 16:30 |
| S71 | 9   | ("3602807" "5023469" "5739594" "6501196").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2007/04/11 09:27 |
| S72 | 1   | 2001-569893.NRAN.   | DERWENT   | ADJ | ON | 2007/04/11 09:29 |
| S73 | 27  | ("4090090"   "4096395"   "4145617"  <br>"4189649"   "4231029"   "4384213"  <br>"4405867"   "4672227"   "4879624"  <br>"4894796"   "5182464"   "5210685"  <br>"Re30295").PN. OR ("5739594").<br>URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                          | ADJ | ON | 2007/04/11 09:30 |
| S74 | 16  | ("3808451"   "4172980"   "4262212"  <br>"4262214"   "4384213"   "4617472"  <br>"4733100"   "4754159"   "4780618"  <br>"5070252"   "5734239"   "5739594"  <br>"5790399"   "5874786").PN. OR<br>("6034445").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                          | ADJ | ON | 2007/04/11 09:37 |
| S75 | 1   | "6266977".pn.   | US-PGPUB;<br>USPAT;<br>USOCR                          | ADJ | ON | 2007/04/11 09:37 |
| S76 | 27  | ("3511058"   "4272269"   "4584006"  <br>"4617039"   "4707170"   "4714487"  <br>"4749393"   "4752312"   "4895584"  <br>"4921514"   "5019143"   "5275005"  <br>"5287703"   "5377490"   "5461870"  <br>"5483806"   "5502971"   "5520724"  <br>"5555748"   "5568737"   "5768912"  <br>"6041620"   "6041621"   "6065305").<br>PN. OR ("6266977").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                          | ADJ | ON | 2007/04/11 09:38 |
| S77 | 1   | "6849811".pn.   | US-PGPUB;<br>USPAT;<br>USOCR                          | ADJ | ON | 2007/04/11 09:55 |

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|     |      |   |   |     |    |                  |
|-----|------|---|---|-----|----|------------------|
| S78 | 1    | "6720098"   | US-PGPUB;<br>USPAT;<br>USOCR                          | ADJ | ON | 2007/04/11 13:59 |
| S79 | 6    | ("4492533"   "4729722"   "5678647"  <br>"5794732"   "5837393"   "5981096").<br>PN. OR ("6720098").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                          | ADJ | ON | 2007/04/11 09:56 |
| S80 | 29   | ("3576677"   "4069371"   "4081693"  <br>"4227588"   "4741978"   "4923768"  <br>"5228529"   "5248566"   "5314761"  <br>"5409784"   "5434015"   "5434016").<br>PN. OR ("5794732").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                          | ADJ | ON | 2007/04/11 10:05 |
| S89 | 4    | "5560218".pn. or "5501083".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2007/04/11 10:45 |
| S90 | 9874 | (variable varying vary varies varied)<br>near4 (compressor turbocompressor<br>microcompressor)  | US-PGPUB;<br>USPAT;<br>USOCR                          | OR  | ON | 2007/04/11 11:30 |
| S91 | 1409 | S90 and ((auxiliary auxilliary second<br>additional backup back-up reserve<br>boost\$4 second! dual two "2") near2<br>(power battery))  | US-PGPUB;<br>USPAT;<br>USOCR                          | OR  | ON | 2007/04/11 11:30 |
| S92 | 1395 | S91 not S85   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2007/04/11 10:45 |
| S93 | 1687 | 417/44.1,411,326.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2007/04/11 10:46 |
| S94 | 347  | S93 and compressor  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2007/04/11 10:46 |
| S95 | 284  | S94 and control   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2007/04/11 10:46 |
| S96 | 1378 | S92 not S95   | US-PGPUB;<br>USPAT;<br>USOCR                          | ADJ | ON | 2007/04/11 10:46 |
| S97 | 8266 | ((two or dual) power (supply or<br>source))   | US-PGPUB;<br>USPAT;<br>USOCR                          | ADJ | ON | 2007/04/11 10:46 |

## EAST Search History

|          |      |   |   |     |    |                  |
|----------|------|---|---|-----|----|------------------|
| S98      | 205  | S97 and compressor  | US-PGPUB;<br>USPAT;<br>USOCR                          | ADJ | ON | 2007/04/11 10:46 |
| S99      | 1348 | S96 not S98   | US-PGPUB;<br>USPAT;<br>USOCR                          | ADJ | ON | 2007/04/11 10:46 |
| S10<br>0 | 7049 | (variable varying vary varies varied)<br>near4 (compressor turbocompressor-<br>microcompressor)   | EPO; JPO;<br>DERWENT                                  | OR  | ON | 2007/04/11 14:00 |
| S10<br>1 | 59   | S100 and ((auxiliary auxilliary second<br>additional backup back-up reserve<br>boost\$4 second! dual two "2") near2<br>(power battery)) | EPO; JPO;<br>DERWENT                                  | OR  | ON | 2007/04/11 11:30 |
| S10<br>2 | 212  | S85 and (battery near2 capacitor)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2007/04/11 12:41 |